

**MOGILEV, M.V., prof.**

Use of novocaine in late pregnancy toxemias with a hypertensive syndrome. Akush.i gin. 35 no.6:47-51 N-D '59. (MIRA 13:4)

1. Iz kafedry akusherstva i ginekologii (zaveduyushchiy - prof. M.V. Mogilev) Blagoveshchenskogo meditsinskogo instituta (direktor - dotsent S.G. Ptitsyn).

(PREGNANCY, TOXEMIA compl.)

(HYPERTENSION in pregn.)

(PROCAINE ther.)

MOGILEV, L.N., GRIBAUŠKAS, P.S.

STUDY studying the behavior of albino rats under labyrinthal conditions.  
Nauch.dokl.vys. shkoly; biol. nauki no.1:96-99 '58 (MIRA 11:8)

1. Predstavlena kafedroy fiziologii i mikrobiologii Irkutskogo gosudarstvennogo universiteta im. A.A. Zhdanova.  
(MAZE TESTS)  
(ANIMALS, HABITS AND BEHAVIOR OF )  
(CONDITIONED RESPONSE)

NOGILEV, L. N.

NOGILEV, L. N. --"The Daily Vertical Migration of the Mass Forms of Lenticular Zooplankton." (Dissertations for Degrees in Science and Engineering, as Called at USSR Higher Educational Institutions) Irkutsk State University, Irkutsk, 1955

SO: Knizhnaya Letopis', No. 25, 13 Jun 55

\* For Degree of Candidate in Biological Sciences

BRUVKOV, G.N.; MOGILEV, A.Ye.

Classification of terrigenous sedimentary rocks according to  
their composition. Izv. i pol. Iskop. no. 67-74. N-3 '65.  
(MIRA 18:17)

1. Krasnoyarskoye otdeleniye Sibirskogo nauchno-issledovatel'skogo institut geologii, geofiziki i mineral'nogo syr'ya.  
Submitted April 12, 1965.

BROVKOV, G.N.; GRAYZER, M.I.; MOGILEV, A.Ye.

New data on the Lower Carboniferous paleogeography of the  
Altai-Sayan region. Izv. AN SSSR. Ser.geol. 30 no.11:93-97  
N '65. (MIRA 18:12)

1. Laboratoriya osadochnykh poleznykh iskopayemykh Gosudarstven-  
nogo geologicheskogo komiteta SSSR, Moskva i Krasnoyarskoye  
otdeleniye Sibirskogo nauchno-issledovatel'skogo instituta  
geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk. Submitted  
November 19, 1964.

EROKOV, G.N.; GRAYZER, M.I.; MOGILEV, A.Ye.

Conditions governing the accumulation of Lower Carboniferous  
sediments in the eastern part of the Sayan-Altai area. Geol.  
i geofiz. no.1:106-123 '65. (MIRA 18:6)

1. Krasnoyarskaya kompleksnaya laboratoriya Instituta geologii i  
geofiziki Sibirskogo otdeleniya AN SSSR.

NOGILEV, A.Ye.

Paleogeographic features of the accumulation of Permian coal-bearing deposits on the eastern slope of the Southern Urals. Dokl. AN SSSR 136 no. 4:900-903 F '61. (MIRA 14:1)

I. Laboratoriya geologii uglia AN SSSR. Predstavleno akademikom D.V. Malivkinym.  
(Ural Mountain region--Coal geology)

20-119-1-41/52

On the Structural-Tectonic Peculiarities of the Yegorshinskaya Carboniferous Zone in the Ural Mountains

ASSOCIATION: Laboratoriya geologii uglya Akademii nauk SSSR  
(Laboratory for the Geology of Coal AS USSR)

PRESENTED: August 28, 1957, by D. V. Nalivkin, Member, Academy of Sciences, USSR

SUBMITTED: August 22, 1957

Card 3/3

20 119: 1.41/52

On the Structural-Tectonic Peculiarities of the Yegorshinskaya Carboniferous Zone in the Ural Mountains

ferous Yegorshinskaya suite to the strat-free Bursunskaya, which lies farther up. Finally the lithological-facial data indicate that the two last mentioned suites belong to a cycle of sedimentation which is characterized by fauna and flora of the Visé and partially the Namur-stage of the Lower Carboniferous. The two suites have a close genetic connection. The authors discuss against the statements of Ref 7 which revive the idea (Ref 8) already refuted long ago that the position of this coal deposit was overturned toward the east. The contact of the Devonian deposits with the carboniferous mass is everywhere accompanied by a thick zone of highly crushed and crumpled rocks of a thickness up to several dozen meters. Thus this contact is of a distinctly tectonic nature. From these facts follows that a correct interpretation of the tectonic peculiarities of several carboniferous deposits is of great importance for the understanding of the stratigraphic interrelations of individual parts of the cross section of the carboniferous Carboniferous, their paleogeography and conditions of formation. There are 1 figure and 8 references, 6 of which are Soviet.

Card 2/3

20-119-1-41/52

**AUTHORS:** Petrenko, A. A., Mogilev, A. Ye.

**TITLE:** On the Structural-Tectonic Peculiarities of the Yegorshinskaya Carboniferous Zone in the Ural Mountains (O strukturno-tektonicheskikh osobennostyakh Yegorshinskoy uglenosnoy polosy na Urale)

**PERIODICAL:** Doklady Akademii Nauk SSSR, 1958, Vol. 119, No. pp. 150-153 (USSR)

**ABSTRACT:** These deposits (Ref 3) show a strong tectonic disturbance. Due to their complication their structure remained undetermined for a long time. The closed type of the coal deposit and the lack of geological exploring works which surpass the boundaries of the carboniferous zone rendered the further study of the deposit difficult. A survey of publications on this problem is given (Refs 2, 4, 6, 8). The occurrence of stigmary grounds of numerous remains of roots interwoven with each other which are vertical to the layers of the coal bed indicates a normal, non-overturned position of the beds. Another important characteristic of the exposure is a gradual decrease in the thickness of the transition from the carboni-

Card 1/3

MOGILENKO

~~MOGILENKO, P.K.~~

The administration of enterprises is being perfected. Stroi.mat.  
3 no.7:4 J1 '57. (MIRA 10:10)

1. Zamestitel' nachal'nika Upravleniya stroitel'nykh materialov i  
steklofarfprovoy promyshlennosti Leningradskogo Sovnarkhoza.  
(Leningrad--Building materials industry)

MIKHAYLENKO, Ivan Grigor'yevich; PESKIN, Zalman Israellevich;  
MOGILENKO, P.D., retsensent; OSVAL'D, E.Ya., ved. red.

[Manual on wages in the coal industry] Spravochnoe posobie  
po oplata truda v ugol'noi promyshlennosti. Moskva, Nedra,  
1965. 298 p. (MIRA 18:7)

MOGILENKO, N. I. Cand Tech Sci -- (diss) "Deepening the Arable Layer and Developing a Rational Method for Reducing Resistance to Soil Deepeners." Len, 1957. 20 pp with graphs, 22 cm. (Min of Agriculture USSR, Len Agricultural Inst), 100 copies (KL, 26-57,108)

1. MOGILENKO, N., <sup>I.</sup>Eng.
2. USSR (600)
4. Flows
7. Simple-design subsoil plow. MTS 13 No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

SHUMILOV, Kirill Andreyevich, kand. tekhn. nauk; SKRYNCHENKO,  
Dmitriy Anatol'yevich, inzh.; MOGIL'CHENKO, V.S., inzh.,  
retsensent

[Automating the pouring of pig iron in blast furnace  
plants] Avtomatizatsiia razlivki chuguna v domennykh tse-  
khakh. Kiev, Tekhnika, 1965. 106 p. (MIRA 18:3)

MOGIL'CHENKO, V.S., insh.; NIKITENKO, V.D., insh.; MININZON, R.D., insh.;  
RUDNEVA, N.V., insh.

Carbon reduction in the surface layer of ball-bearing and tool  
steels. Stal' 23 no.9:839-840 S '63. (MIRA 16:10)

1. Institut ispol'zovaniya gasa AN UkrSSR i Dnepropetrovskiy  
Staleplavil'nyy zavod vysokokachestvennykh i spetsial'nykh staley.

MOGIL'CHENKO, G.S.  
MOGIL'CHENKO, G.S., Geroy Sotsialisticheskogo Truda.

How much has been done! Nauka i pered. op. v sel'khoz. 7 no.11:70-71  
N '57. (MLRA 10:11)

1. Predsedatel' kolxosa imeni Ordzhonikidze, Khar'kovskoy oblasti.  
(Kharkov Province--Collective farms)

MOGILAT, Ya.Ya.; KRIKLIVETS, R.N.; POLUSHKIN, G.P.

Prevention of the clogging of slag and ash lines in hydraulic  
ash removal systems. Energetik 10 no.9:12 S '62.  
(MIRA 17:1)

L 08577-87 EWT(d)/EWT(m)/EWP(f)

ACC NR: AP6033482

SOURCE CODE: UR/0413/66/000/018/0085/0085

INVENTOR: Yudin, Ye. Ya.; Terekhin, A. S.; Mogila, V. R.

ORG: none

TITLE: Axial fan. Class 27, No. 186070

SOURCE: Izobret prom obraz tov zn, no. 18, 1966, 85

TOPIC TAGS: axial fan, axial fan design, engine cooling fan, engine cooling system

ABSTRACT: The proposed axial fan has a center fairing. In order to lower the noise level and to decrease the size of the fan, its fairing is made in the form of a silencing chamber (see Fig. 1). Orig. art. has: 1 figure. [WA No. 76]

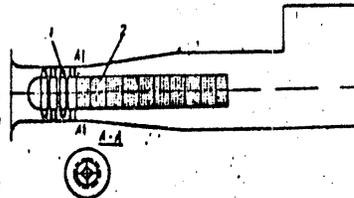


Fig. 1. Axial fan

1 - Fan; 2 - fairing.

SUB CODE: 21/ SUBM DATE: 25Dec64

Card 1/1

UDC: 622.445-758.34

MOGILA, V.P., insh.

Methods for calculating the mechanical work of locomotives. Trudy  
MIT no.161:67-79 '63. (MIRA 17:4)

MOGILA, V.P., aspirant

Effect of the number of freight and passenger trains on their  
efficient speed level on double track lines. Trudy MIT no.148:  
93-116 '62. (MIRA 16:3)

(Railroads--Train speed)

MOGILA, V., inzh.

The joy of being creative is incomparable. Avt.transp. 40  
no.10:11-12 0 '62. (MIRA 15:11)  
(Ural Mountain region--Transportation, Automotive)

CHERNOMORDIK, G.I., prof.; MOGILA, V.P., inzh.

Selecting the optimum speed level and ratio of freight and passenger trains. Vest.TSNII MPS 21 no.4:38-43 '62. (MIRA 15:6)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta.  
(Railroads--Train speed)

MOGILA, V.

Repairing hose nozzles of a hydraulic drive for dumping units.  
Avt.transp. 39 no.1:54 Ja '61. (MIRA 14:3)  
(Dump trucks)

HOGILA, V.P.

MOSILA, V.P., insh.

Fields of application of ventilation systems in new and reorganized  
Donets Basin mines. Sbor. DonUGI no.15:41-60 '56. (MIRA 10:11)

1. Laboratoriya shakhtnykh ventilyatorov.  
(Donets Basin--Mine ventilation) (Fans, Mechanical)

ZVYAGINTSEV, A.P.; IVANOV, Yu.N.; KAZAKOV, V.E.; STETSENKO, A.M.;  
SOLOMOVICH, M.Ya.; KORZH, V.I.; DASHKEVICH, A.A.; Prinsipal'  
uchastiye: LIPTSEN, S.Kh.; RYZHIKOV, A.P.; STAL'NOMERITSKIY,  
V.N.; LEVENETS, L.Ye.; MOGILA, V.A.; KOVAL', A.A.; VLASOV, V.F.;  
ROSHCHIN, A.G.; RAYKO, V.P.; KORNIYENKO, V.G.; PANTYUSHKIN, N.V.

Investigating the possibility of manufacturing all-rolled  
electric locomotive wheels with existing equipment. Kuz.-shtam.  
proizv. 5 no.11:11-14 N '63.

(MIRA 17:1)

NIKIFOROV, I.; MAKAROV, A.; SMOLYANOV, N.; SIPER, B.; MOGILA, V.; LARIN, M.;  
FILIPPOV, K.; TOKMAKOV, V.; BARANOVSKIY, V.; CHEVCHERIKOV, K.;  
POZNANSKIY, A.; SHUTOV, M.; ROZENFEL'D, L.; HUD', A.

Mechanisation of waterproofing operations. Stroitel' 8 no.11:  
15-20 N '62. (MIRA 16:1)  
(Waterproofing--Equipment and supplies)

MOGILA, M.T.; DOBRYNIN, Ya.V.

Changes in the morphology of explants of connective tissue in rats under the influence of methylcholanthrene and extract of human lung tumor. *Biul. eksp. biol. i med.* 49 no.2:95-98 F '60. (MIRA 14:5)

1. Is laboratorii kul'tivirovaniya tkaney otdela etiologii i patogenezu opukholey (sav. - deystvital'nyy chlen AMN SSSR A.D. Timofeyevskiy) Instituta eksperimental'noy patologii i terapii raka (dir. - chlen-korrespondent AMN SSSR prof. N.N.Blokhin) AMN SSSR, Moskva. Predstavlena deystvital'nym chlenom AMN SSSR A.D. Timofeyevskim.

(CHOLANTHRENE) (LUNGS—TUMORS)  
(CONNECTIVE TISSUE)

MOGILA, M.T.; DOBRYNIN, Ya.V.

Malignant degeneration of explants of connective tissue in rats.  
Vop.onk. 5 no.10:395-401 '59. (MIRA 13:12)  
(CANCER) (CONNECTIVE TISSUE--TRANSPLANTATION)

MOGILA M.T.

MOHYLA, M.T.

Effect of the milk factor upon the acceleration of growth of explantations of connective tissue. Medych.shur. 22 no.4:20-29 '52. (MIRA 6:10)

1. Instytut klinichnoyi fiziolohiyi im. akad. O.O.Bohomol'tsya AN URSR.  
(Connective tissues) (Milk)

MOGILA, M.T.

MOGILA, M.T., kandidat biologicheskikh nauk

Effect of filtrates of rabbit papilloma on growth of explanted skin grafts in rabbit. Trudy AMN SSSR 21 no.4:117-123 '52. (MLRA 10:8)

1. Iz otdela eksplantatsii tkaney (sav. - deystv. chlen AMN SSSR prof. A.D.Timofeyevskiy) Instituta klinicheskoy fiziologii im. akad. A.A.Bogomol'tsa AN USSR (dir. - chlen-korrespondent AN USSR R.Ye.Kavetskiy)

(SKIN TRANSPIANTATION,  
eff. of papilloma filtrates on growth of grafts in rabbits)

(NEOPLASMS, experimental,  
papilloma, eff. of filtrates on skin graft growth in rabbit)

MOGILA, M.T.

MOGILA, M.T.

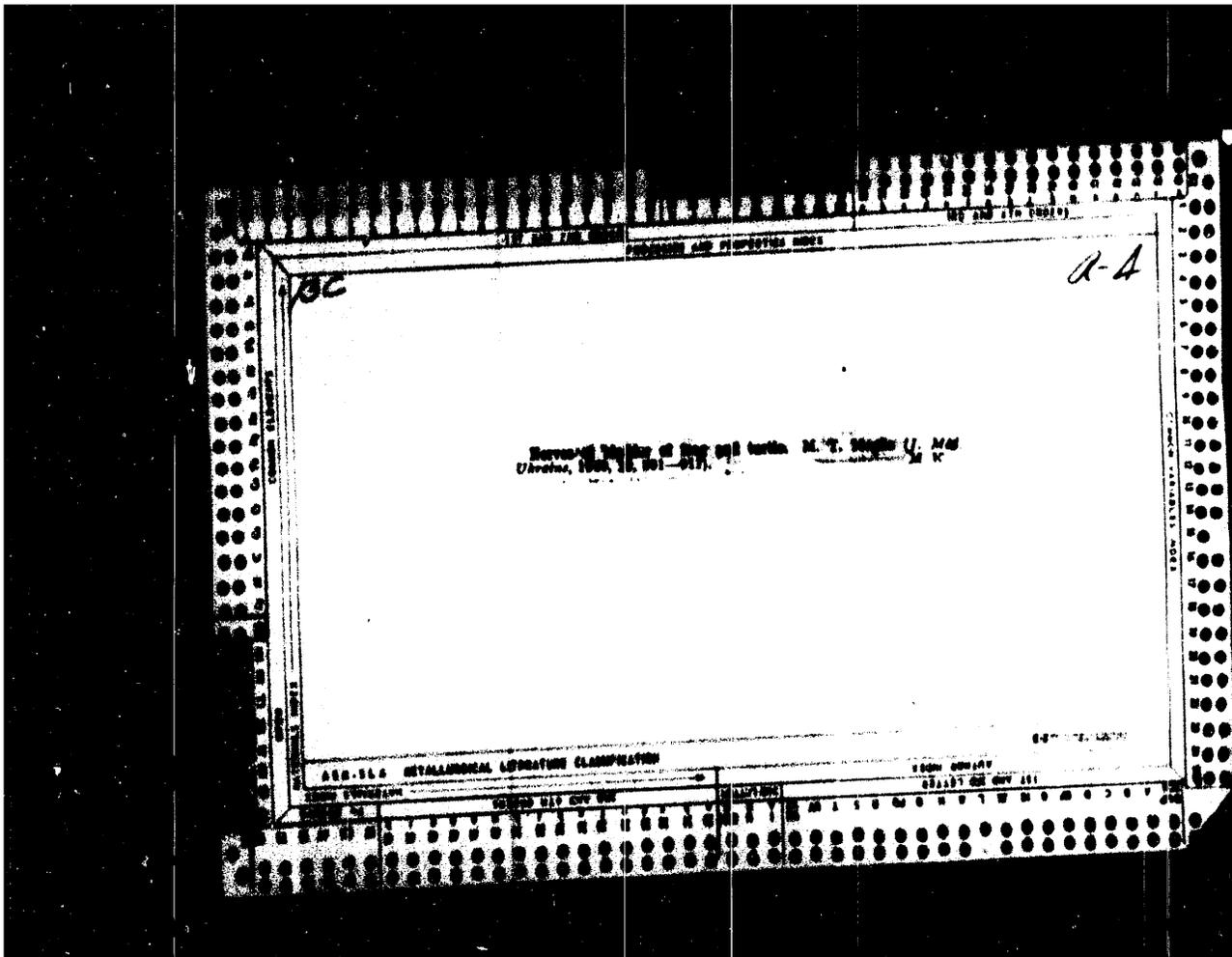
~~Nerve plexus and bronchial ganglia in cats. Medych.zhur. 16:333-339~~  
'47. (MIRA 10:12)

1. Z Institutu klinichnoi fiziologii AN URSS (direktor - akad. O.O.  
Bogomolets' [deceased]).  
(BRONCHI--INNERVATION)

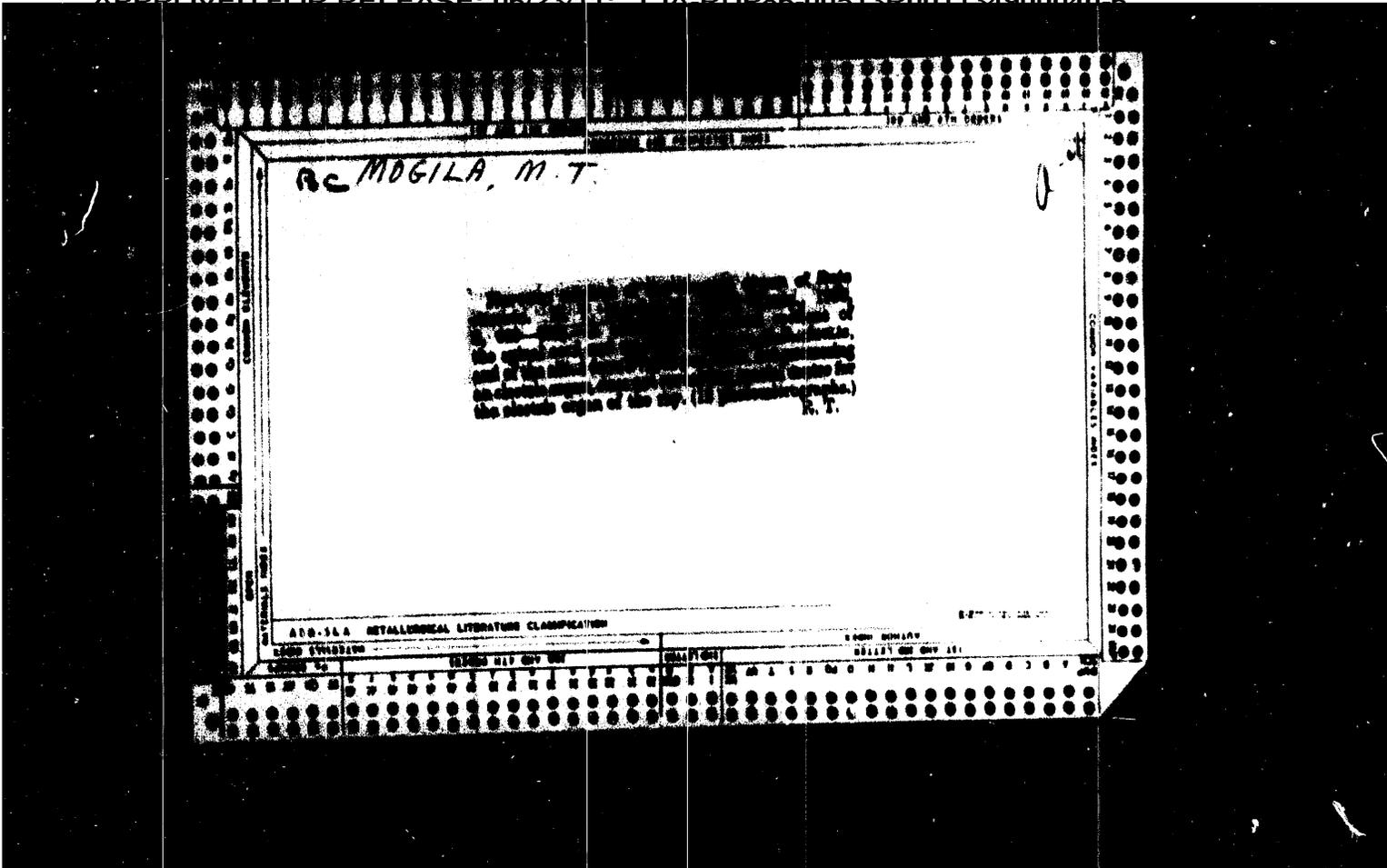
3

←

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6

BORISOGLEBSKIY, G.I.; KULIKOV, V.A.; MOGILA, L.Ye.

Dust storms in the south of the European part of the U.S.S.R. in the  
summer of 1960. Meteor. i gidrol. no. 5:29-33 My '61. (MIRA 14:4)  
(Russia, Southern--Dust storms)

MOGILA, F.G., fel'dsher (g. Boven'ki); POPOV, I.V., dezinspektor fel'dsher  
(g. Kyshtyn); SHUMSKIY, K.D., fel'dsher (Kiyev)

How we control rodents. Fel'd. i akush. 24 no.11:51-54 N '59.  
(MIRA 13:2)

(RODENT CONTROL)

SAPRON, A.M., starshiy elektromekhanik; MOGILA, A.F.; NAZAROV, K.I.  
elektromekhanik

Device for transmitting a selective call from an automatic  
telephone exchange. Avtom., telem.i sviaz' 4 no.6:28-33  
Je '60. (MIRA 13:7)

1. Grosnenskaya distantsiya signalizatsii i svyazi  
Severo-Kavkasskoy dorogi (for Sapron). 2. Barnaul'skaya distantsiya  
signalizatsii i svyazi Tomskoy dorogi (for Mogila).  
(Telephone, Automatic)

MEGIEZ-NICKI, Wladyslaw, TAB.OWSKA, Ludwika

Analysis of the ABO blood groups in uterine cancer patients.  
Nowotwory 14 no.1:335-340 1-9 '62

1. Z Oddzialu Onkologii Ginekologicznej Instytutu Onkologii  
w Warszawie (Kierownik doc. dr. med. L. Tarlowska) i z Pracowni  
Klinicznej Instytutu Onkologii (Kierownik dr. med. J. Jarmolawicz;  
Dyrektor prof. dr. med. W. Jasinski).

HUNGARY/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29973  
Author : Moger, Janos.  
Inst : -  
Title : The Effect of Root Dressing on the Yield and Quality of Tobacco.  
Orig Pub : Agrartudomány, 1957, 9, No 1-2, 30-32 (Hung.)  
Abstract : No abstract.

MOGER, G.G.; SERGEYEV, G.B.

Use of gas chromatography for the analysis of the products of  
low-temperature bromination and hydrobromination of olefins.  
Vest.Mosk.un.Ser.2:Khim. 18 no.2:14-16 Mr-Apr '63. (MIRA 16:5)

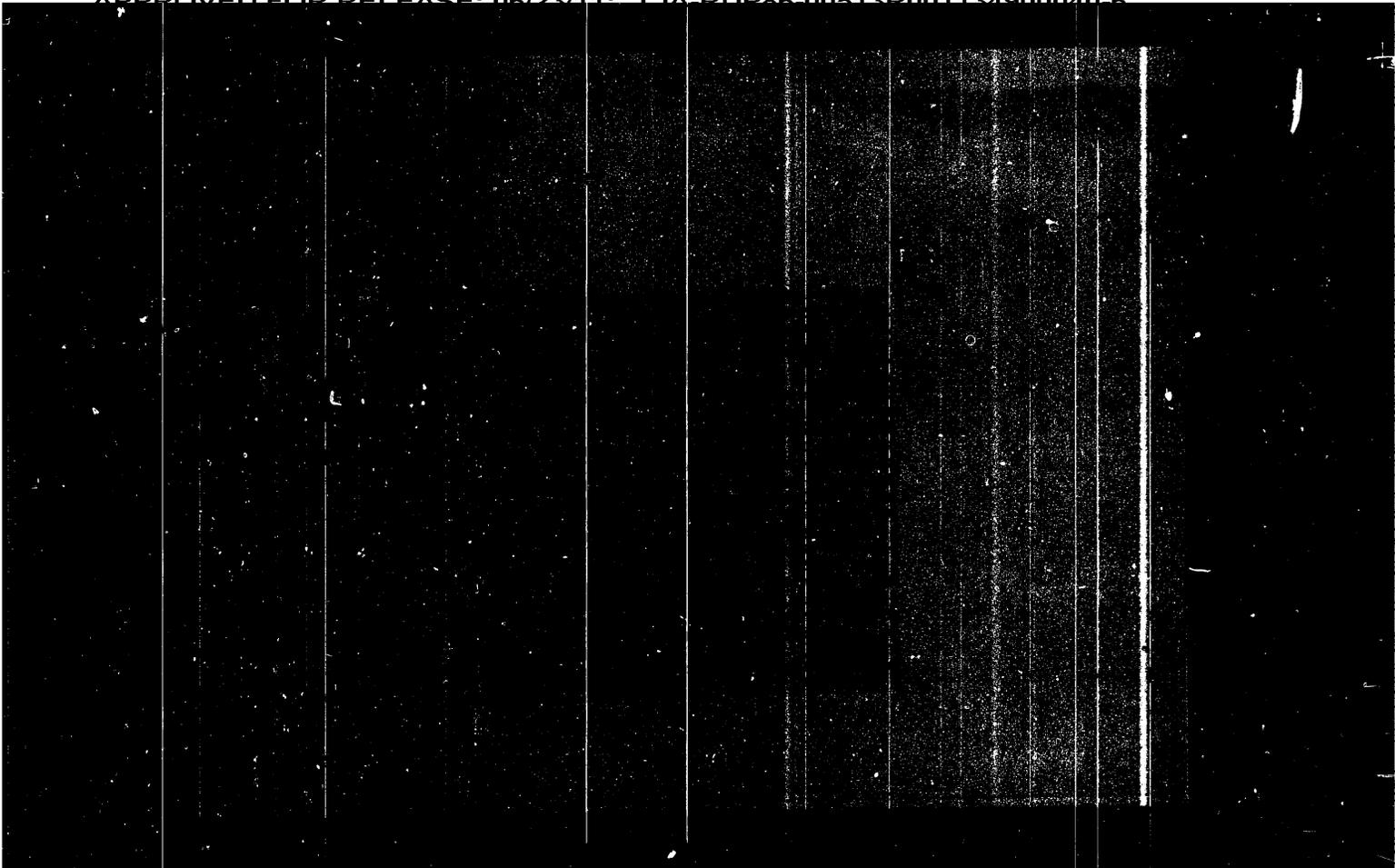
1. Kafedra khimicheskoy kinetiki Moskovskogo universiteta.  
(Olefins) (Bromination) (Gas chromatography)

NAGY, Ferenc; MOGER, Dezso

Hydrogen sorption in the aqueous suspension of palladium catalyst in the course of mixing. Magy kem folyoir 65 no. 10:406-409 0 '59.

1. Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezete, Budapest.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6



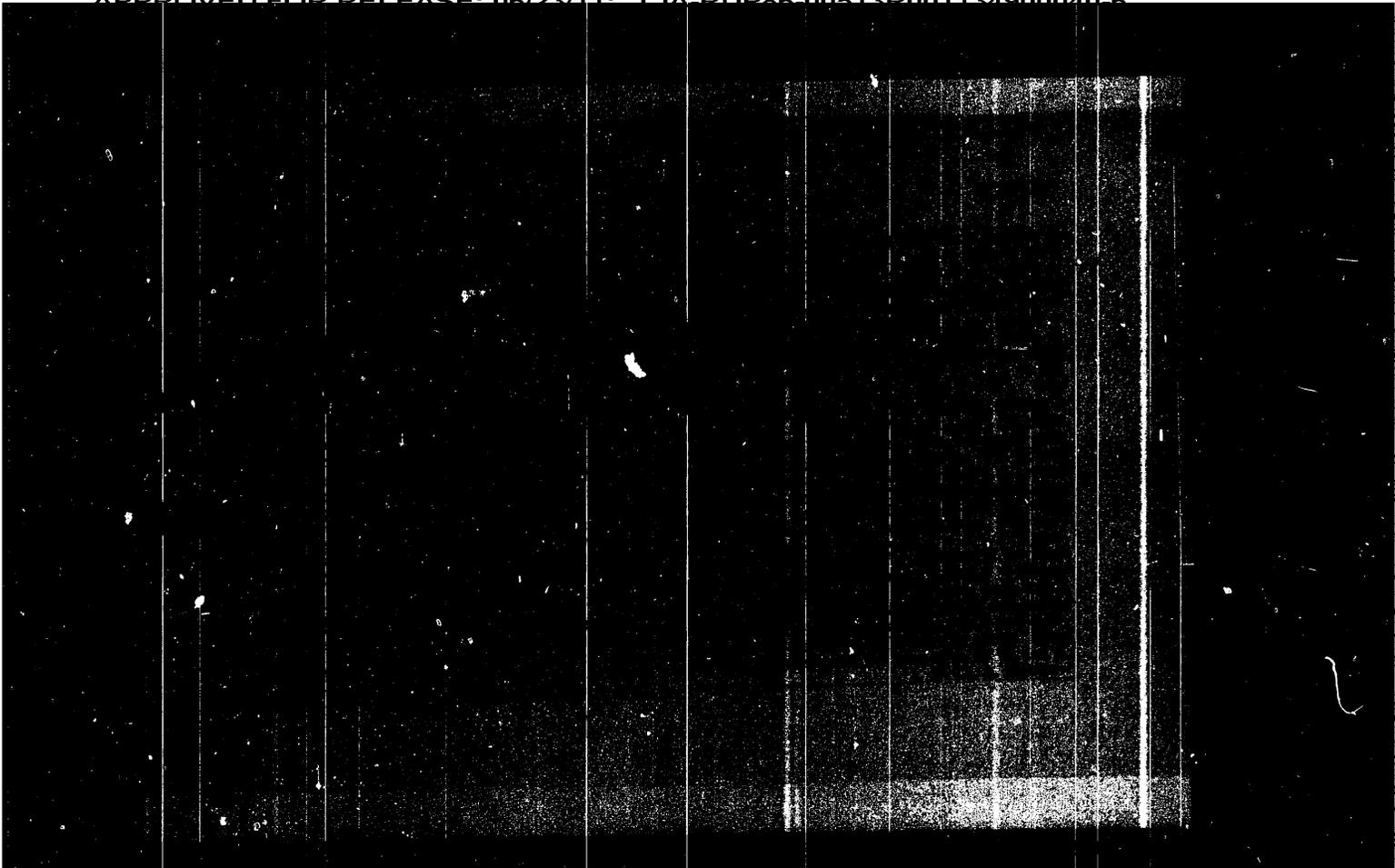
NAGY, Ferenc, dr (Budapest XIV Hungaria korut 114); MOGER, Dezso (Budapest XIV Hungaria korut 114); NYITRAY, Istvan (Budapest XIV Hungaria korut 114)

Investigations of the kinetics of the catalytic hydrogenation in the liquid phase. II. Diffusion of dissolved hydrogen to the catalyst surface. Acta chimica Hung 25 no.2:177-192 '60. (EEAI 10:4)

1. Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest.

(Catalysts) (Hydrogenation) (Liquids) (Diffusion)  
(Hydrogen) (Platinum) (Electrodes)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6



NOGER, D.; NAGY, F.

Absorption of hydrogen in the aqueous suspension of palladium catalysis in the course of mixing. p. 406

MAGYAR KEMIAI GYÖGYMUTATÁS. (Magyar Kémikusok Egyesülete) Budapest, Hungary. Vol. 65, no. 10, Oct. 1959

Monthly List of East European Accession (LEAI), LC, Vol. 65, no. 2, Feb. 1960

Uncl.

**NAGY, Ferenc, Dr. (Budapest); MOGHER, Denise (Budapest)**

Sorption of hydrogen in an aqueous suspension of palladium catalyst during shaking. In German, Acta chimica Hung. 21 no.2:159-167 '59.  
(NBAI 9:4)

1. Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest.

(Hydrogen) (Palladium) (Catalysts) (Sorption) (Suspensions)

MUGER, D.

HUNGARY / Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B

Abs Jour: Ref Zhur-Khimiya, No 20, 1959, 70762.

Author : Nagy, F.; Moger, D.

Inst : Not given.

Title : The Kinetic Investigation of Reactions in the Liquid Phase Containing a Gaseous Component.

Orig Pub: Magyar kem. folyoirat, 1958, 64, No 12, 484-485.

Abstract: The kinetics were examined of reactions taking place in the liquid phase, when one of the components in the reaction is partially in a gaseous state. The application of the theory is indicated by the example of the reduction reaction in a dichromate water solution by gaseous H<sub>2</sub> catalyzable by Ag ions. -- According to the authors' summary.

Card 1/1

MOGER, D

10 4

✓ The solution of a differential equation by means of a hydrointegrator. Ferenc Nagy, István Némethy, and Dezso Moger (Hungarian Sci. Acad., Budapest). *Magyar Kem. Folyóirat* 64, 412-17(1958).—A hydrodynamic model (hydrointegrator) was constructed to solve a linear differential equation system contg. an empirical function. It was used to compute the speed of absorption of H in aq. Pd dispersions of different concn. Peter Marcel Bama

Mo  
g

MOGER, D.

SCIENCE

PERIODICALS: ~~AGRA ZŰLLŐZŐ~~. Vol. 64, No. 7/8 July/Aug. 1959  
MAGYAR KEMTARTALOMTUDOMÁNY

Moger, D. The application of hydrointegrator at reaction-kinetic investigations.  
p. 280

Monthly list of East European Accessions (EEA) IC, Vol. 9, No. 2,  
February 1959, Unclass.

ACC NR: AT6036527

In a passive antiorthostatic posture, achieved by means of a special apparatus, myotonometric shifts were practically nonexistent, and several differences in hemodynamic shifts were seen: frequency of cardiac contractions fell off more sharply, but forehead skin temperature increased less than in the active antiorthostatic posture. The difference is explained by the presence in the active antiorthostatic posture of strong proprioceptive impulsion which is absent in the passive posture. If hemodynamic conditions are regulated in the passive antiorthostatic posture mainly by vascular interoceptors, these are joined in the active posture by proprioceptive regulation (mechanism of motor-visceral reflexes).

It was shown that systematic physical culture training (general, and to an even greater degree, specialized) increases the adaptation of the cardiovascular system to the antiorthostatic posture. This increase is accomplished by improving the interaction of the reflex (interoceptive and proprioceptive) mechanisms responsible for counteracting the effects of gravity on hemodynamics. [W. A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 3/3

ACC NR: AT6036527

skin temperature, and oxyhemography. Muscle tone was measured by an electromyotonometer. Studies were made of 128 athletes.

In contrast to the orthostatic, the antiorthostatic posture is characterized by the following shifts: 1) attenuation of cardiac activity; 2) increased systolic and decreased diastolic pressure, slight change in mean pressure, and increased oscillator index; 3) considerable increase in skin temperature of the forehead accompanied by inconsequential changes in the skin temperature of the hips; 4) lowered blood oxygenation. In the motor sphere, a sharp increase in muscle tonus in the arms and a slight increase in muscle tonus of the legs were seen.

It was established that strain on the heart is different while holding a military press with a barbell of his own weight in an orthostatic posture and holding up one's own body in an antiorthostatic posture; shifts in cardiac frequency were diametrically opposite, being more frequent in the first posture and less frequent in the second. For instance, one 20-year old athlete displayed the following cardiac contraction frequencies: in an active antiorthostatic posture, 79 beats/min, and in the orthostatic posture while pressing his own weight, 121 beats/min.

Contd 2/3

ACC NR: AT6036527

SOURCE CODE: UR/0000/66/000/000/0112/0113

AUTHOR: Geykhman, K. L.; Mogendovich, M. R.

ORG: none

TITLE: Human mechanisms of adaptation to an anti-orthostatic posture [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966.]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 112-113

TOPIC TAGS: orthostatic test, cardiovascular system, human physiology, biologic acceleration effect, space physiology

ABSTRACT: Gravitational stress can be induced by an unusual position to which man is ordinarily not adapted, namely a vertical position with the head downward (anti-orthostatic posture). The form chosen was standing on the hands. This form combines static tension with the effect of a gravity vector opposite to the gravity vector of the orthostatic posture. In this posture, there occurs a change in venous return due to redistribution of blood flowing toward the head, with an increase in the volume of blood flowing to the heart and impairment of flow away from the heart. Hemodynamic shifts were studied by the methods of: arterial oscillography, pulse tachometry,

Card 1/3

MOGENDOVICH, M.B.; RYKLIN, M.G.

Motor renal reflexes in pathology. Eksp. issl. po fiziol.,  
biokhim. i farm. no.3:49-60 '61 (MIRA 16:12)

1. Permskiy meditsinskiy institut.

MOGENDOVICH, M.R., prof.

Hypokinesia as a factor in the pathology of internal organs.

Eksp. issl. po fiziol., biokhim. i farm. no.3:9-26 '61

(MIRA 16:12)

Vibration and motor visceral reflexes. Eksp. issl. po fiziol.,  
biokhim. i farm. no.3:41-47 '61

1. Permskiy meditsinskiy institut.

MOGENDOVICH, M.R., prof.

Some results of research on visceromotor reflexes; work of the  
Department of Normal Physiology of the Perm Medical Institute.  
Biol. Uch. med. sov. 2 no.6:25-27 N-D '61. (MIRA 15:1)  
(REFLEXES)

MOGENDOVICH, M.R., professor

"Transactions of the Institute of Physiology of the Academy of Sciences of the White Russian S.S.R. Volume 1: Problems of cortico-visceral interrelations." Reviewed by M.R. Mogendovich, Zdrav. Belor. 4 no.3:69-71 Nr '58. (MIRA 13:7)

(NERVOUS SYSTEM)

~~MOGENDOROVICH, M.P.~~

Physiological basis of sensations [with summary in English]. Vop.  
psikhol. 4 no.2:3-7 M-Ap '58. (MIRA 11:5)

1. Permskiy meditsinskiy institut.  
(Senses and sensation)

U.S.S.R. / Human and Animal Physiology. Blood Circulation. T

Abs Jour: Ref Zhur. Biol., No 5, 1958, 22144.

Author : Mogendovich M. R., Chuvayev A. K., Chuvayeva, G. Z.

Inst : Not given.

Title : Correlation Between the Condition of the Cardio-vascular System and the Tonus of Skeletal Muscles.

Orig Pub: Klinich. Meditsina, 1957, 35, No 3, 121-124.

Abstract: The tonus of the radio-brachial muscle was investigated with the aid of a spring mio-tonal meter in 74 healthy subjects, in twelve afflicted with hypertensive disease and in twelve with hypotonic disease. Momentary disturbance

Card 1/2

MOGENDOVICH, M.R.

MOGENDOVICH, M.R.

Physiological principles involved in physical culture therapy in diseases of the internal organs. Vop.kur., fizioter. i lech. fiz. kul't. 22 no.2:25-28 Mj-Ap '57. (MIRA 11:1)

1. Zaveduyushchiy kafedroy normal'noy fiziologii Molotovskogo meditsinskogo instituta.  
(PHYSICAL THERAPY) (VISCERA--DISEASES)

MOGENDOROVICH, M.R.

[Reflex interaction of locomotor and visceral systems] Reflektornoe  
vzaimodeistvie lokomotornoj i vistseral'noj sistem. [Leningrad]  
Medgis, 1957. 427 p. (MIRA 11:5)  
(REFLEXES)

MOGENDOVICH, M.R., prof., red.; ZUYEV, R.V., red.; GEYKMAN,  
K.L., red.

[Materials of the First Scientific and Practical  
Conference on Physical Education, Sports, Medical  
Inspection, and Exercise Therapy] Materialy Pervoi  
nauchno-prakticheskoi konferentsii po fizicheskomu  
vospitaniiu, sportu, vrachebnomu kontroliu i lecheb-  
noi fizicheskoi kul'ture. Perm', Permskoe otd-nie  
Vses. nauchno-med. ob-va po vrachebnomu kontroliu i  
lechebnoi fizicheskoi kul'ture, 1963. 78 p.

(MIRA 17:7)

1. Nauchno-prakticheskaya konferentsiya po fizicheskomu  
vospitaniiu, sportu, vrachebnomu kontroliu i lechebnoy  
fizicheskoy kul'ture, 1st, 1963. 2. Glavnyy vrach Perm-  
skogo oblastnogo vrachebno-fizkul'turnogo dispansera  
(for Geykman). 3. Permskiy meditsinskiy institut (for  
Mogendovich).

Author : Dmitriy vs S.S.; Mopendovich M.R.  
Editor :  
Title : The Chemical Irritability of the Proprioceptors  
and the Reactions of the Cardiovascular System.

Orig Pub. : Dokl. AN SSSR, 1956, 111, No. 4, 914--916

Abstract : The carotid artery pressure of rabbits and cats was recorded. Application of ethyl alcohol in different concentrations to the exposed quadriceps femoris produced a depressor effect. On the whole a pressor reaction was produced by 2--3% acid solutions. A 1:5000 iodine solution exerted primarily a depressor effect, and a 10% sodium citrate solution produced labile changes in blood pressure. The author believes that the afferent apparatus of skeletal muscles is sensitive to chemical stimuli and takes part in a visceromotor reflex.--F.I.Yasinovskaya

Card: 1/1

of Molotov. \*Some factors in circulatory changes in man  
(Russian text) FIZIOL. 2. 1956, 42/3 (253-263) Graphs 1 Plus. 4

Compression of one arm or leg by a rubber cuff produces an initial slight decrease of the blood pressure, followed, after 8 to 10 min. of compression, by a significant increase (mean increase in 34 expts. 18 mm.), associated with an increase of the pulse rate. The contralateral limb showed in the majority of subjects an initial transient volume decrease (plethysmographically recorded), followed later by an increased volume, coinciding with the increase of blood pressure. Ingestion of hot water produced peripheral dilation, and of cold water peripheral vasoconstriction. Breath-holding raised the blood pressure, and the increase still continued: some time after resumption of breathing. Breath-holding produced also an initial transient reflex peripheral vasodilatation and later a prolonged constriction, coinciding with the late blood pressure increase and the drop of arterial O<sub>2</sub> saturation. Change from nose to mouth breathing frequently decreased the blood pressure.

Simonson - Minneapolis, Minn.

USSR/Human and Animal Physiology - Nervous System.  
Cortex of Cerebral Hemispheres.

T-10

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32169

tension stimulates cortical activity. More significant  
tension depresses it.

Card 2/2

- 116 -

T-10

USSR/Human and Animal Physiology - Nervous System.  
Cortex of Cerebral Hemispheres.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32169

Author : Mogendowitch, M.R.

Inst

Title : On the Problem of the Influence of Muscular Work on the  
Cerebral Cortex.

Orig Pub : V sb.: Probl. sovrem. fiziol. nervn. i myshechn. sistem.  
Tbilisi, AN GruzSSR, 1956, 177-182.

Abstract : In experiments with dogs (G.Ye. Skachedub), a long retar-  
ding influence of the static charge on the conditioned-  
reflex contractions of the stomach and motor-defensive  
conditioned reflexes was shown. Investigations in man  
(Ye.M. Chukinchev, E.B. Smyshlyayeva, L.B. Gubman) showed  
some decrease of the latent period of simple motor reac-  
tion during small charges, and the absence of essential  
changes in it during large charges. Seemingly, low static

Card 1/2

USSR/Human and Animal Physiology (Normal and Pathological). T-13  
Climate.

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75318  
Author : Mogendovich, M.R.  
Inst : -  
Title : On the Influence of Physical Factors up on Internal Organs  
Orig Pub : V. sb.: Vopr. fizioterapii i kurortologii, Sverdlovsk,  
Knizpizdat, 1956, 21-25.  
Abstract : No abstract.

Card 1/1

E N D

- 119 -

USSR/Human and Animal Physiology (Normal and Pathological). T-13  
Climate.

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75317

Author : ~~Mogendovich, M.R.~~

Inst : Molotov Medical Institute.

Title : On the Mechanism of Influence of Physical Factors on  
Internal Organs.

Orig Pub : Sb. nauchn. rabot Molotovsk. med. in-ta, Molotov, 1955,  
7-14.

Abstract : Review of activities of the Chair of Normal Physiology of  
the Molotov Medical Institute on the study of reflector  
influence of physical factors, in particular of physical-  
therapeutic factors on the function of internal organs  
and the cardio-vascular system. The penetrating effect,  
in particular, is examined of vibration, magnetic field,

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6

Vvedenskii's and Uhtenskii's teaching and the internal reception  
mechanisms. Uch. zap. Len. un. no. 176:283-289 '54. (MLSA 9:9)  
(RECEPTORS (NEUROLOGY))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6

Cardiac receptors in clinical practice. Vest. khir. 74 no. 4;  
47-50 Je '54. (MIRA 7:7)  
(HEART, physiology,  
\*neuroreception)

MOGENDORVICH, M.R., professor (Molotov); SOSNYAKOV, N.G. (Molotov).

Problem of interoceptors of the respiratory tract. Klin.med. 31 no.9:22-29  
B '53. (MIRA 6:11)

(Respiratory organs)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6  
Muscular reception (proprioception) and internal organs. Usp.  
sovrem. biol. 33 no.2:161-172 Mar-Apr 1952, (CMLL 22:2)

1. Molotov.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6

29238 Vistserotsepsiya pishchevopitel'nogo apparata. (Fiziol.-klinich. ocherk). Trudy Molotovsk. gos. stomatol. in-ta, vyp. 8, 1949, s. 275-300.  
- Bibliogr: 28 nazv.

SO: Letopsi' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

APPROVED FOR RELEASE: 06/23/44: CIA-RDP86-00513R001134900040-6

MOGENDOVICH, M. R.

"Reflected Pathological Processes and the Surgical  
Clinic," Khirurgiya, No. 2, 1948. Molotov Med. Inst.

-c1948-



197 AND 198 SERIES      199 AND 200 SERIES

PROCESSES AND PROPERTIES INDEX

114

CA

**Effect of antagonistic agents on tetanized single contractile fibers.** I. I. Kuroshin and B. N. Mironovskiy. *J. Biol. Med. USSR* (U. S. S. R.) 13, 14-22(1960); *Physiol. Abstracts* 18, 294.—Alteration of the nerve (paralysis) by local application of KCl, CaCl<sub>2</sub>, the cathode or the anode of a D.C., showed the complete similarity in the effect on the tetanized single contractions produced by the cathode and KCl, and in the antagonistic pos. effects produced by Ca and the anode. This is in accordance with the results obtained by P. P. Lazarev that the ratio K/Ca is increased near the cathode and decreased near the anode. Thus, the inhibition produced in the nervous tissue by Ca is not of the same nature as that produced by K; this corroborates the binary hypothesis of inhibition.

METALLURGICAL LITERATURE CLASSIFICATION

197 AND 198 SERIES      199 AND 200 SERIES

PROTOPOPOV, A.N., kand. med. nauk (Saratov, ul. Lenina, dom 120, kv.2);  
MOGELYAMBATA, K.P.

Clearing phenomenon in the intervertebral disks in osteochondro-  
dystrophy. Ortop., travm. i protez. 26 no. 10:63-65 0 '65.  
(MIRA 18:12)

1. Iz kavedry rentgenologii i radiologii (zav. - prof.  
V.N. Shtern) Saratovskogo meditsinskogo instituta (rektor -  
dotsent N.R. Ivanov). Submitted Dec. 8, 1964.

MIL'KIS, B.Ye.; MOSE'NIKOV, L.P.; SAA'NOV, M.S.

Evaporation from the surface of the Katta Kurgan Reservoir. Izv.  
AN Uz. SSR. Ser. tekhnauk no.6:56-66 '60. (MIRA 14:1)

1. Institut vodnykh problem i gidrotekhniki AN UzSSR.  
(Katta Kurgan Reservoir--Evaporation)

L 36560-66

ACC NR: AP6015772

to 200 Å). The former are enriched in silver; the latter - in copper. The crystallographic and other procedures employed for estimating the zone dimensions are described. A table gives the values of the spherical and Guinier-Preston zone dimensions as estimated from the x-ray diffraction and electron microscopic data for specimens aged for 2 days at 130° and for 30 min, 5 hours and 15 hours at 218°; the agreement is generally satisfactory. The same thing is true of the identified  $\theta'$  and  $\gamma'$  phases (the phases were identified by plotting the reciprocal lattice and  $\theta'$ -phase networks). The data for the ternary alloy are compared with the analogous data for the binary Al + 3% Cu alloy, obtained by Hardy and Hill (reference cited in Russian translation) and some significant differences are noted. The decomposition of the solid solution in the Cu + 1.6% Be + 1.9% Ag alloy was studied by similar techniques after 5 min, 30 min, 13 hours, and 30 hours isothermal annealing at 218°. The results for this alloy are given only briefly. The electron diffraction data indicate that after 30 hours annealing the structure of this alloy consists of the matrix, spherical zones,  $\gamma'$  and  $\gamma$  phases and silver crystals. The microhardness is increased from 80 kg/mm<sup>2</sup> after quenching to 200 kg/mm<sup>2</sup> after 30 hours anneal. Several micrographs and diffraction patterns are reproduced in the text. Orig. art.hms: 4 figures and 1 table.

SUB CODE: 11, 20/

SUBM DATE: 00/

ORIG REF: 002/

OTH REF: 001

Card 2/2/MLP

L 36560-66 EWT(m)/T/ETI/EWP(t) IJP(c) JD/JG

ACC NR: AP6015772

(A, N)

SOURCE CODE: UR/0048/66/030/005/0808/0812

AUTHOR: Zakharova, M.I.; Mogarycheva, I.B.; Khatanova, N.A.

ORG: Physics Department, Moscow State University, im M.V. Lomonosov (Fizicheskiy fakultet Moskovskogo gosudarstvennogo universiteta)

TITLE: Investigation of the initial stages of decomposition of the solid solution in Al-Cu<sup>2</sup>Ag and Cu-Be-Ag alloys / Report, Fifth All-Union Conference on Electron Microscopy held in Sumy 6-8 July 1965

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 5, 1966, 808-812

TOPIC TAGS: aluminum base alloy, copper base alloy, solid solution, thermal decomposition, electron microscopy, electron diffraction, x ray diffraction

ABSTRACT: The changes in structure occurring incident to thermal-aging decomposition of the supersaturated solid solutions in Al + 3 % Cu + 7% Ag and Cu + 1.6% Be + 1.9% Ag alloys (the percentages are by weight) were studied by electron microscopy, electron diffraction and x-ray diffraction (single crystals) techniques. Most of the report is devoted to the results obtained for the aluminum-base alloy. The decomposition of the aluminum-base alloy was studied at aging temperatures of 130 and 218°C. The initial stage of decomposition at 130° is the zone stage, which is most clearly evinced after two days of aging. The electron micrographs of the aged alloy disclose spherical zones (diameter about 60 Å) and lamellar Guinier-Preston zones (transverse dimensions of 100

ZAKHAROVA, M. I.; MOGARICHEVA, I. B.

"Investigation of eutectoid transformation in the Cu-Sn and Cu-Be alloys."  
report submitted for 6th Gen Assesbly, Intl Union of Crystallography, Rome,  
9 Sep 63.  
Physics Dept, Moscow State Univ, Leninskiye Gory, Moscow.

ZAKHAROVA, M.I.; MOGARYCHEVA, I.B.

Eutectoid transformation in copper - lead and copper - beryllium alloys. Kristallografiia 8 no.4:604-609 JI-Ag '63.(MIRA 16:9)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.  
(Copper-lead-beryllium alloys)  
(X-ray diffraction examination)

ZAKHAROVA, M.I.; MOGARYCHEVA, I.B.

Changes in the structure of  $\gamma$ -phase crystals in the Cu - Sn system during the process of natural aging. Fiz.met.1 metalloved. 15 no.4:538-543 Ap '63. (MIRA 16:6)

1. Moskovskiy gosudarstvennyy universitet.  
(Copper-tin alloys--Metallography)

Zn alloy after natural aging for 7 months, and in steel contain-  
ing 12% Mn and 1.2%C after annealing for 5 sec. at 670°C; electro-  
chemical etching shows that the nature of the microstructure re-  
mains unchanged to a considerable depth within the alloy. As all  
three alloys mentioned have an f.c.c. lattice, the slip plane being  
(111), it is assumed that the appearance of two slip-band systems  
intersecting at 70°C is associated with nucleation on the (111) and  
(111) planes. There are 3 figures.

Card 2/2

AUTHORS: Zakharov  
TITLE: Structure of the composition of the

SOURCE: Akademiya nauk SSSR. Institut po zharoprochnym splavam. v.8. 19513R001134900040-6

TEXT: X-ray and microscopic examinations of various steels during the initial stages of decomposition at 2180C of the Al-1.25% Si solid solution there is a subject not relieved by thermal relaxation, and the matrix is subject by plastic deformation. This is exhibited on the X-ray diagram by asterism and fragmentation of the Laue maxima for the solid solution. The same alloy, annealed for 10 minutes at 2180C, shows slip bands under the microscope, and disintegration of monocrystals into smaller structural blocks. Two slip-band systems, intersecting with each other at a 70° angle are observed under certain conditions. Essentially the same microstructure is observed in an Al-

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6

formation of dispersed crystals of  $\beta$ -phase and the deformation of the matrix take place. The latter causes work hardening of the alloy and an increase in the microhardness. There are 3 figures.

SUBMITTED: June 13, 1962

Card 2/2

✓

9

**AUTHORS:** Zakharova, M.I., and Mogarycheva, I.B. (Moscow)

**TITLE:** Ageing of a copper-tin eutectic alloy

**PERIODICAL:** Akademiya nauk SSSR. Izvestiya. Otdeleniye  
tekhnicheskikh nauk. Metallurgiya i toplivo,  
no.6, 1962, 147-149.

**TEXT:** An investigation was made of the structure of single crystals of alloys of copper with 27.8 and 25.5 wt.% of tin, together with hardness determinations on polycrystalline specimens (27.8 wt.% Sn) both after hardening and during natural ageing. The microhardness of the polycrystalline specimens increased from 200 to 450 kg/mm<sup>2</sup> during two years of ageing. To elucidate structural changes causing this increase in hardness, three single crystals with 27.8 wt.% Sn and one with 25.5 wt.% Sn were examined after ageing for 40 days, 8 months and 3 years. The single crystals were prepared by a slow crystallisation from the melt followed by a homogenising treatment at 600 °C for 26 hours. Mixed and monochromatic Mo radiation were used for the X-ray studies. The results obtained indicated that during natural

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6

Faculty of Physics of Solids of the Physics Department of the Moscow State University imeni M. V. Lomonosov (Chair of the State University imeni M. V. Lomonosov)

Card 3/3

Investigation of the Phase Transformations in Copper - Tin Alloys - SOV/48-23-5-23/31

350 and 400°C. An alloy with 25.5% tin was used to investigate the phase transformation  $\beta \rightarrow \beta + \alpha$  at 550°C. Investigation methods applied were the diffraction of X-rays in monocrystals, the crystal vibration and the monochromatic emission of molybdenum. The results are explained on the strength of roentgenograms and Laue diagrams. Picture (Fig 1) shows the beginning of separation of the  $\beta$  phase in the alloy with 25.5% tin. Also the decomposition of the  $\beta$  phase in the alloy with 30.5% tin is dealt with. In these investigations, the phase transformations are inferred from the location of the diffraction maxima. For example, the diffraction pictures (Figs 2 and 4) of the alloy with 27.8% tin, taken at various time intervals after the thermal treatment, are shown, and the progressive phase transformation is investigated thereon. The eutectic transformation is investigated in the same way and described with a number of pictures. There are 7 figures and 13 references, 6 of which are Soviet.

Card 2/3

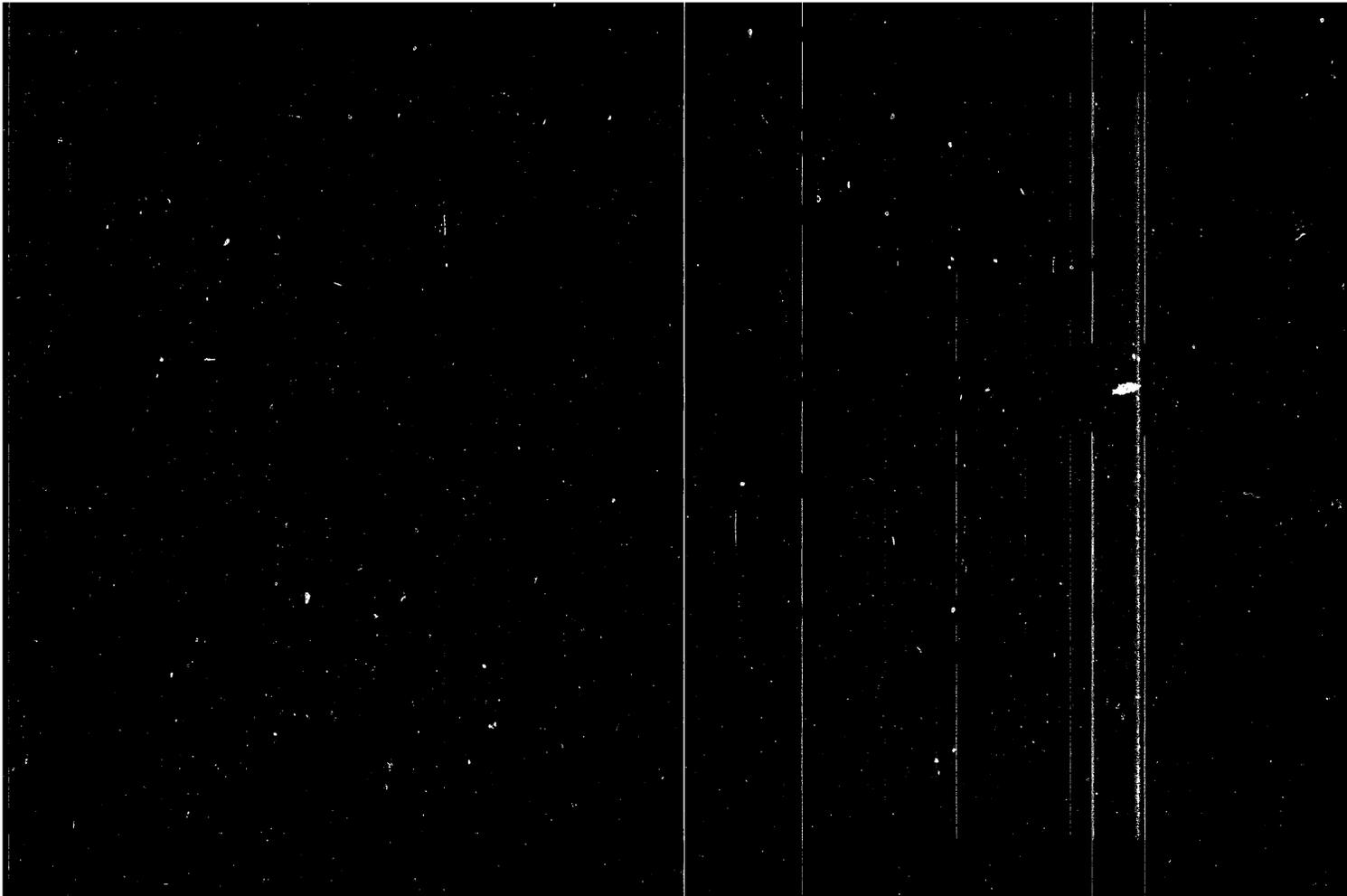
**TITLE:** Investigation of the Phase Transformations in Copper - Tin Alloys (Issledovaniye fasovykh prevrashcheniy v splavakh med'-olovo)

**PERIODICAL:** Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959, Vol 23, Nr 5, pp 643 - 645 (USSR)

**ABSTRACT:** It is mentioned by way of an introduction that several earlier investigations had dealt with the decomposition of oversaturated solid solutions. The subject of the present paper is the eutectic transformation and the phase transformation  $\beta \rightarrow \beta + \alpha$ . Reference is then made to two papers by Isaichev and Kurdyumov concerning the disordered position of atoms at room temperature in the  $\beta$  phase, and the ordered position of atoms at 700°C, with 25 - 28% tin. The investigation under review deals with copper alloys with 25.5%, 27.5% and 30.5% tin. The samples are monocrystals which are investigated immediately after annealing at 700°C. In addition, a general investigation was made of the copper alloys with 32.6% tin, and the alloy with 27.8% tin was investigated with regard to the eutectic transformation at

Card 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900040-6

MOGAROVSKIY, V.V.

Inclusions of bitumens in the celestine crystals. Lit. i poi. izkoc.  
no.3:123-125 My-Je '65. (MIRA 18:10)

1. Institut geologii Gosudarstvennogo geologicheskogo komiteta  
SSSR, Dushanbe.

MOGAROVSKY, V.V.

On one instance of a translation of a Soviet technical  
literature. Eng. Techn. Std. Sect. 4. 1954. No. 2142 of 1954.

1. Institut geologii i tektoniki SSSR.

MOGAROVSKIY, V.V.

Wall-rock orthoclazization of some fluorite deposits in the southern slope of the Gissar Range. Dokl. AN BSSR 153 no. 2: 468-470. 1965. (MIRA 18:7)

1. Submitted March 25, 1965.

MOGAROVSKIY, V.V.; TARNOVSKIY, G.N.; VASIL'YEV, Ye.K.

Hypogene hydrozincite. Dokl. AN SSSR 161 no.4:929-931. Ap. 1964.  
(MIRA 18:5)

1. Institut geologii, Dushanbe. Submitted December 19, 1964.

MOGAROVSKIY, Y.V.

Second find of epigmetite inclusions associated with celestine.  
Lit. 1 pol. iskop. no. 170000-18-F '55.

(MIRA 18:4)

1. Tadzhikskiy geologicheskoy komitet Gosudarstvennogo geologicheskogo komiteta SSSR, Imbarko.

MOGAROVSKIY, V.V.

Possible vadose-hydrothermal origin of the celestine deposits in  
the southern Tajik Depression. Lit. i pol. iskop. no.3:77-88 My-  
Je '64. (MIRA 17:11)

1. Institut geologii, Dushanbe.

MOGAROVSKIY, V.V.

Establishing an affinity between chemical elements with the aid of the rank correlation coefficient. Dokl. AN Tadjh. SSR 6 no.2:26-28 '63. (MIRA 17:4)

1. Institut geologii AN Tadjhikskoy SSR. Predstavleno chlenom-korrespondentom AN Tadjhikskoy SSR R.B.Baratovym.

MOGAROVSKIY, V.V.

Glauconitization of argillaceous rocks as a type of change in enclosing rocks in one of the celestite deposits of the Tajik Depression. Dokl. AN SSSR 151 no.5:1178-1181 Ag '63. (MIRA 16:9)

1. Predstavleno akademikom D.S.Korzhinskim.  
(Tajik Depression--Glauconite)

